

## E COMMISSIONER OF PATENTS AND TRADEMARKS

hington, D.C. 20231

Transmitted herewith for filing is the patent application of

Inventor(s): Lawrence W. Swift and Sergey Dickey



For: METHODOLOGY AND SYSTEM FOR GENERATING A THREE-DIMENSIONAL MODEL OF INTERFERENCE IN A CELLULAR WIRELESS COMMUNICATION NETWORK

## Enclosed are:

- 4 Sheets of drawings
- X Assignment Recordation Sheet
- X | Assignment of Invention to: PCTEL, INC.
- X Entitled to small entity status under 37 C.F.R. 1.9 and 1.27
- X Declaration and Power of Attorney document
  - Preliminary Amendment and Remarks
  - Tremmary Amendment and R

Other:

The filing fee has been calculated as shown below:

			SMALL ENTITY			LARGE ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE	FEE	OD	RATE	FEE
BASIC FEE				\$ 375			\$ 750
TOTAL CLAIMS	27-20	7	X 9	63	OR	X 18	
INDEP CLAIMS	2 - 3	0	X 42			X 84	
MULT. DEPENDENT CLAIMS PRESENTED			+140			+280	
		TOTAL \$ 448			TOTAL \$		

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Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 associated with this communication or credit any overpayment to Deposit Account No. **07-1732**. A duplicate copy of this sheet is enclosed.

Other:

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lawrence W. Swift et al.

Group Art Unit:

Serial No.:

Examiner:

Filed:

Attorney Docket:

PCTEL-023

Title: Methodology And System For Generating A Three-Dimensional Model Of

Interference In A Cellular Wireless Communication Network

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

## CERTIFICATE OF MAILING BY EXPRESS MAIL

"Express Mail" Mailing Number EV973 921 398 Date of Deposit: November 17, 2003

I hereby certify that the attached patent application, identified above, filing fee and supporting documents, as noted on the Transmittal Sheet, are being deposited, on the date indicated above, with the United States Postal Service as "Express Mail" in an envelope addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

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